

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|----------------------------|---|------------------|---------|---------------------|
| S1 | 1 | ("6069636").PN. | USPAT | OR | OFF | 2008/05/20 21:15 |
| S2 | 1730784 | (extract\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:16 |
| S3 | 42881 | (print\$3 near3 densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:17 |
| S4 | 73959 | invisib\$3 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:18 |
| S5 | 2513410 | location\$3 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:18 |
| S6 | 27162 | S2 with S5 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:18 |
| S7 | 110 | (S2 with S5) and S3 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:19 |

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| S8 | 7 | (S2 with S5) and S3 and S4 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:19 |
| S9 | 6 | (extract\$4 same location\$3 same (print\$3 near3 densit\$5)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:20 |
| S10 | 0 | (extract\$4 same location\$3 same (print\$3 near3 densit\$5) same (blank\$3 near4 area\$3)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:21 |
| S11 | 0 | (extract\$4 same location\$3 same (print\$3 near3 densit\$5) and (invisib\$3)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:22 |
| S12 | 4 | (extract\$4 same location\$3 same (print\$3 near3 densit\$5) and (page\$3)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:25 |
| S13 | 1 | ((extract\$4 with location\$3) same (print\$3 near3 densit\$5)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:28 |
| S14 | 15 | invisib\$3 same pixel\$3 same (print\$3 with densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:31 |

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| S15 | 288 | (extract\$4 with location\$3) and (print\$3 with densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:34 |
| S16 | 211 | (extract\$4 with location\$3) and (print\$3 with densit\$4) and (pixel\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:36 |
| S17 | 892 | (extract\$4 with location\$3) and ((print\$3 or imag\$3) with densit\$4) and (pixel\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:37 |
| S18 | 541 | (print\$3 same archiv\$4) and (extract\$4 same location\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:42 |
| S19 | 263 | (print\$3 same archiv\$4) and (extract\$4 same location\$4) and (pixel\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:42 |
| S20 | 91 | (print\$3 same archiv\$4) and (extract\$4 same location\$4) and (pixel\$3) and (densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:43 |
| S21 | 24593 | (358/1.14,1.9,1.15,3.12,1.18,1.1,1.2,1.6,3.1,3.11,1.11,1.12,1.13,528).OCL.S | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/20 21:53 |

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| S22 | 2230 | (382/139,171,190).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/20 21:54 |
| S23 | 1027 | (399/140,1).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/20 21:54 |
| S24 | 2273 | (347/2,3,5,188).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/20 21:55 |
| S25 | 1303 | (283/72).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/20 21:55 |
| S26 | 31144 | S21 or S22 or S23 or S24 or S25 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:56 |
| S27 | 430 | S26 and S6 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:56 |
| S28 | 18 | S26 and S7 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |

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| S29 | 2 | S26 and S8 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S30 | 1 | S26 and S9 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S31 | 1 | S26 and S12 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S32 | 4 | S26 and S14 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S33 | 48 | S26 and S15 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S34 | 42 | S26 and S16 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:57 |
| S35 | 75 | S26 and S17 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:58 |

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| S36 | 38 | S26 and S18 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:58 |
| S37 | 20 | S26 and S19 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:58 |
| S38 | 7 | S26 and S20 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 21:58 |
| S39 | 1693 | (extract\$4 with ((location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 08:39 |
| S40 | 24593 | (358/1.14,1.9,1.15,3.12,1.18,1.1,1.2,1.6,3.1,3.11,1.11,1.12,1.13,528).CQLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 08:43 |
| S41 | 2230 | (382/139,171,190).CQLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 08:43 |
| S42 | 1027 | (399/140,1).CQLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 08:43 |

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| S43 | 2273 | (347/2,3,5,188).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 08:43 |
| S44 | 1303 | (283/72).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 08:43 |
| S45 | 31144 | S40 or S41 or S42 or S43 or S44 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 08:43 |
| S46 | 303 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and S45 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 08:43 |
| S47 | 1147 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:47 |
| S48 | 114 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:48 |
| S49 | 47 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:49 |

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| S50 | 47 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisibl\$4 or visibl\$4 unvisibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:49 |
| S51 | 17 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisibl\$4 or visibl\$4 unvisibl\$4) and (blank\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:50 |
| S52 | 1 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and ((distribut\$4) same (coars\$5)) and (invisibl\$4 or visibl\$4 unvisibl\$4) and (blank\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:50 |
| S53 | 4714 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:55 |
| S54 | 1466 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:56 |
| S55 | 263 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) and (element\$3 with ((image adj form\$3) or (print\$3))) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 09:57 |
| S56 | 7 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) and (((("16" or (sixteen)) with element\$3 with ((image adj form\$3) or (print\$3))) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:00 |

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| S57 | 4 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) and (((("16" or (sixteen)) with element\$3 with ((image adj form\$3) or (print\$3))) and (digital with imag\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:01 |
| S58 | 1 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) and (((("16" or (sixteen)) with element\$3 with ((image adj form\$3) or (print\$3))) and (digital with imag\$3) and (blank\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:05 |
| S59 | 718 | (horizontal\$4 and vertical\$4) and ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:42 |
| S60 | 66 | (coars\$5 and distribut\$5) and (horizontal\$4 and vertical\$4) and ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:43 |
| S61 | 17 | (blank\$4) and (coars\$5 and distribut\$5) and (horizontal\$4 and vertical\$4) and ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:44 |
| S62 | 1466 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:45 |
| S63 | 14 | (pixel\$3) and (blank\$4) and (coars\$5 and distribut\$5) and (horizontal\$4 and vertical\$4) and ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisib\$4 or unvisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:46 |

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|-----|-------|---|---|----|-----|---------------------|
| S64 | 1 | (pixel\$3) and (blank\$4) and (coars\$5 with distribut\$5) and (horizontal\$4 and vertical\$4) and ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:46 |
| S65 | 24593 | (358/1.14,1.9,1.15,3.12,1.18,1.1,1.2,1.6,3.1,3.11,1.11,1.12,1.13,528).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 10:50 |
| S66 | 2230 | (382/139,171,190).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 10:50 |
| S67 | 1027 | (399/140,1).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 10:50 |
| S68 | 2273 | (347/2,3,5,188).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 10:50 |
| S69 | 1303 | (283/72).CCL.S. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/21 10:50 |
| S70 | 31144 | S65 or S66 or S67 or S68 or S69 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |

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| S71 | 47 | S70 and S59 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |
| S72 | 3 | S70 and S60 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |
| S73 | 3 | S70 and S61 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |
| S74 | 129 | S70 and S62 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |
| S75 | 3 | S70 and S63 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:50 |
| S76 | 1147 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:52 |
| S77 | 188 | S70 and S76 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:52 |

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| S78 | 114 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:53 |
| S79 | 16 | S70 and S78 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:53 |
| S80 | 47 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisib\$4 or visib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:53 |
| S81 | 6 | S70 and S80 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:53 |
| S82 | 47 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisib\$4 or visib\$4 unvisib\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |
| S83 | 6 | S70 and S82 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |
| S84 | 17 | ((extract\$4 with (location\$3 or area\$2)) and (sheet\$3 or paper\$3) and (pixel\$3) and ((print\$3 or imag\$3) with (densit\$4))) and (distribut\$4) and (coars\$5) and (invisib\$4 or visib\$4 unvisib\$4) and (blank\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |

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|-----|------|--|---|----|----|---------------------|
| S85 | 5 | S70 and S84 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |
| S86 | 4714 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |
| S87 | 496 | S70 and S86 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 10:54 |
| S88 | 1466 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:14 |
| S89 | 129 | S70 and S88 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:14 |
| S90 | 263 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and ((invisibl\$4 or unvisibl\$4 or visibl\$4) and (element\$3 with ((image adj form\$3) or (print\$3))) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |
| S91 | 19 | S70 and S90 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |

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| S92 | 7 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisibl\$4 or unvisibl\$4 or visibl\$4) and (((('16" or (sixteen)) with element\$3 with ((image adj form\$3) or (print\$3))) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |
| S93 | 1 | S70 and S92 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |
| S94 | 4 | ((print\$3 or imag\$3) with (densit\$4)) and (extract\$5 with (location\$3 or area\$3)) and (invisibl\$4 or unvisibl\$4 or visibl\$4) and (((('16" or (sixteen)) with element\$3 with ((image adj form\$3) or (print\$3))) and (digital with imag\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |
| S95 | 1 | S70 and S94 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 11:15 |
| S96 | 395 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:23 |
| S97 | 5 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (blank\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:24 |
| S98 | 3 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (blank\$4) and (pixel\$3)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:24 |
| S99 | 0 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (blank\$4) and (pixel\$3) and (invisibl\$4 or visibl\$4 or unvisibl\$4 or notvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:26 |
| S100 | 0 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (blank\$4) and (pixel\$3) and (invisibl\$4 or visibl\$4 or unvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:26 |
| S101 | 72 | ((extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (invisibl\$4 or visibl\$4 or unvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:26 |
| S102 | 49 | ((pixel\$3) and (extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (invisibl\$4 or visibl\$4 or unvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:26 |
| S103 | 0 | ((blank\$4) and (pixel\$3) and (extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (invisibl\$4 or visibl\$4 or unvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:27 |
| S104 | 1 | ((coars\$5) and (pixel\$3) and (extract\$5) and (location\$3 or area\$3) and (print\$3 or imag\$3) and (densit\$4) and (invisibl\$4 or visibl\$4 or unvisibl\$4)).dm. | US-PGPUB | OR | ON | 2008/05/21 11:27 |
| S105 | 128 | (print\$4 and archiv\$4 and document\$3).dm. | US-PGPUB | OR | ON | 2008/05/21 11:58 |

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|------|-----|--|----------|----|----|---------------------|
| S106 | 1 | (print\$4 and archiv\$4 and document\$3 and blank\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 11:58 |
| S107 | 1 | (print\$4 and archiv\$4 and document\$3 and coars\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 11:59 |
| S108 | 2 | (print\$4 and archiv\$4 and coars\$4 and distribut\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 11:59 |
| S109 | 1 | (print\$4 and archiv\$4 and coars\$4 and distribut\$4 and densit\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:00 |
| S110 | 53 | (coars\$5 and distribut\$4 and densit\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:01 |
| S111 | 5 | (coars\$5 and distribut\$4 and densit\$4 and extract\$5).clm. | US-PGPUB | OR | ON | 2008/05/21 12:01 |
| S112 | 2 | (coars\$5 and distribut\$4 and densit\$4 and extract\$5 and pixel\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:02 |
| S113 | 1 | (coars\$5 and distribut\$4 and densit\$4 and extract\$5 and pixel\$3 and invisib\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:02 |
| S114 | 0 | (coars\$5 and distribut\$4 and densit\$4 and extract\$5 and pixel\$3 and locat\$5).clm. | US-PGPUB | OR | ON | 2008/05/21 12:03 |
| S115 | 0 | (coars\$5 and distribut\$4 and densit\$4 and extract\$5 and pixel\$3 and blank\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:03 |
| S116 | 69 | (densit\$4 and invisib\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:04 |
| S117 | 3 | (densit\$4 and invisib\$4 and extract\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:04 |
| S118 | 3 | (densit\$4 and invisib\$4 and extract\$4 and ("16" or sixteen)).clm. | US-PGPUB | OR | ON | 2008/05/21 12:05 |
| S119 | 0 | (densit\$4 and invisib\$4 and extract\$4 and ("16" or sixteen) and blank\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:06 |
| S120 | 2 | (densit\$4 and invisib\$4 and extract\$4 and ("16" or sixteen) and pixel\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:06 |
| S121 | 1 | (densit\$4 and invisib\$4 and extract\$4 and ("16" or sixteen) and pixel\$3 and block\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:07 |
| S122 | 754 | (horizontal\$3 and vertical\$3 and blank\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:08 |
| S123 | 0 | (horizontal\$3 and vertical\$3 and blank\$3 and invisib\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:08 |
| S124 | 52 | (horizontal\$3 and vertical\$3 and invisib\$3).clm. | US-PGPUB | OR | ON | 2008/05/21 12:08 |
| S125 | 4 | (horizontal\$3 and vertical\$3 and invisib\$3 and densit\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:09 |
| S126 | 1 | (horizontal\$3 and vertical\$3 and invisib\$3 and densit\$4 and extract\$4).clm. | US-PGPUB | OR | ON | 2008/05/21 12:09 |

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|------|-----|--|---|----|----|---------------------|
| SI27 | 23 | (Kazuyoshi\$3 near9 Tokunaga\$3).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:13 |
| SI28 | 48 | (Kazuyuki\$3 near9 Mitome\$3).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:14 |
| SI29 | 55 | (Seiji\$3 near9 Kageyama\$3).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:15 |
| SI30 | 117 | SI27 or SI28 or SI29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:15 |
| SI31 | 8 | SI30 and (extract\$4 and densit\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:17 |
| SI32 | 1 | SI30 and (extract\$4 and densit\$4 and invisib\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:17 |
| SI33 | 5 | SI30 and (invisib\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:30 |

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|------|----|---|---|----|----|---------------------|
| SI34 | 24 | SI30 and (densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:30 |
| SI35 | 3 | SI30 and (coars\$4 and distribut\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:31 |
| SI36 | 10 | SI30 and (print\$3 and archiv\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:31 |
| SI37 | 10 | SI30 and (print\$3 and archiv\$4 and document\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:31 |
| SI38 | 3 | SI30 and (print\$3 and archiv\$4 and document\$3 and densit\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:32 |
| SI39 | 3 | SI30 and (print\$3 and archiv\$4 and document\$3 and densit\$4 and coars\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:32 |
| SI40 | 3 | SI30 and (print\$3 and archiv\$4 and document\$3 and densit\$4 and coars\$4 and distribut\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:33 |

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|------|---|--|---|----|----|---------------------|
| SI41 | 1 | SI30 and (print\$3 and archiv\$4 and document\$3 and densit\$4 and coars\$4 and distribut\$4 and pixel\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:33 |
| SI42 | 1 | SI30 and (extract\$4 and densit\$4 and coars\$4 and distribut\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:34 |
| SI43 | 1 | SI30 and (extract\$4 and densit\$4 and invisibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:35 |
| SI44 | 1 | SI30 and (extract\$4 and densit\$4 and pixel\$3) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:35 |
| SI45 | 4 | SI30 and (extract\$4 and densit\$4 and horizontal\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:36 |
| SI46 | 4 | SI30 and (extract\$4 and densit\$4 and horizontal\$4 and vertical\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:36 |
| SI47 | 1 | SI30 and (extract\$4 and densit\$4 and horizontal\$4 and vertical\$4 and invisibl\$4) | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:36 |

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|------|---|---|---|----|----|---------------------|
| SI48 | 1 | SI30 and (extract\$4 and densit\$4 and horizontal\$4 and vertical\$4 and visibl\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:37 |
| SI49 | 1 | SI30 and (extract\$4 and densit\$4 and horizontal\$4 and blank\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:37 |

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